

400 Garden City Plaza
Garden City, New York 11530
(516) 742-4343 - Telephone
(516) 742-4366 - Facsimile
e-mail: intrprop@ssmp.com

**SCULLY, SCOTT, MURPHY
& PRESSER**

**RECEIVED
CENTRAL FAX CENTER**

AUG 10 2004

Fax

OFFICIAL

To: Examiner E.J. Wojciechowicz
Group Art Unit: 2815 **From:** Leslie S. Szivos, Ph.D.

Fax: 703-872-9306 **Pages:** 11 including cover

Phone: **Date:** 8/10/2004

Re: Sadanand V. Desphande, et al.
U.S. Patent Appln. No. 10/751,831 **CC:**
Our Docket: 16422A

XX Urgent **For Review** **Please Comment** **Please Reply** **Please Recycle**

Dear Sir:

The following is attached hereto:

1. Amendment Transmittal in duplicate
2. Amendment under 37 CFR 1.111
3. Certificate of Facsimile

CONFIDENTIALITY: The documents accompanying this facsimile transmission may contain information which is either confidential or legally privileged and is intended only for the authorized use of the individual or entity named above without right or publication or republication, dissemination or disclosure except as expressly set forth or established by course of dealing. All rights are reserved. If you are not the intended recipient, you are hereby notified that any disclosure, copying, distribution or use of the contents of this facsimile is prohibited. If you received this transmission in error, please notify us immediately by telephone to arrange for return of the documents.

If you have any problems concerning this facsimile, please call (516) 742-4343 and ask for Susan Formicola at Ext 511.

CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)

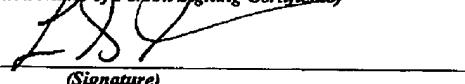
Applicant(s): Sadanand V. Deshpande, et al.

Docket No.

FIS920030078US2 (16422A)

Application No.
10/751,831Filing Date
1/5/2004Examiner
E.J. WojciechowiczGroup Art Unit
2815

Invention:

**STI STRESS MODIFICATION BY NITROGEN PLASMA TREATMENT FOR IMPROVING PERFORMANCE IN
SMALL WIDTH DEVICES**I hereby certify that this AMENDMENT UNDER 37 CFR 1.111
*(Identify type of correspondence)*is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. 703-872-9306)on August 10, 2004
*(Date)*Leslie S. Szivos, Ph.D.*(Typed or Printed Name of Person Signing Certificate)**(Signature)*

Note: Each paper must have its own certificate of mailing.

AMENDMENT TRANSMITTAL LETTER (Large Entity)

Applicant(s): Sadanand V. Deshpande, et al.

Docket No.

FIS920030078US2 (16422A)

| | | | | | |
|-------------------------------|-------------------------|--------------------------------|-----------------------|------------------------|--------------------------|
| Application No. 10/751,831 | Filing Date 1/5/2004 | Examiner E.J. Wojciechowicz | Customer No. 23389 | Group Art Unit 2815 | Confirmation No. 3568 |
|-------------------------------|-------------------------|--------------------------------|-----------------------|------------------------|--------------------------|

Invention:

STI STRESS MODIFICATION BY NITROGEN PLASMA TREATMENT FOR IMPROVING PERFORMANCE IN SMALL WIDTH DEVICES**COMMISSIONER FOR PATENTS:**

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

| CLAIMS AS AMENDED | | | | | |
|--|-------------------------------------|-----------------------------|--------------------------------|-----------|-------------------|
| | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST # PREV. PAID FOR | NUMBER EXTRA CLAIMS PRESENT | RATE | ADDITIONAL FEE |
| TOTAL CLAIMS | 6 - | 20 = | 0 | x \$18.00 | \$0.00 |
| INDEP. CLAIMS | 1 - | 3 = | 0 | x \$86.00 | \$0.00 |
| Multiple Dependent Claims (check if applicable) <input type="checkbox"/> | | | | | \$0.00 |
| TOTAL ADDITIONAL FEE FOR THIS AMENDMENT | | | | | \$0.00 |

No additional fee is required for amendment.

Please charge Deposit Account No. _____ in the amount of _____

A check in the amount of _____ to cover the filing fee is enclosed.

The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 09-0458/IBM

Any additional filing fees required under 37 C.F.R. 1.16.

Any patent application processing fees under 37 CFR 1.17.



Signature

Dated: August 10, 2004

Leslie S. Szivos, Ph.D.
Registration No. 39,394

I certify that this document and fee is being deposited on _____ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature of Person Mailing Correspondence

Typed or Printed Name of Person Mailing Correspondence

CC:

P11LARGE/REV07

CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)

Applicant(s): Sadanand V. Deshpande, et al.

Docket No.

FIS920030078US2 (16422A)

Application No.
10/751,831Filing Date
1/5/2004Examiner
E.J. WojciechowiczGroup Art Unit
2815

Invention:

**STI STRESS MODIFICATION BY NITROGEN PLASMA TREATMENT FOR IMPROVING PERFORMANCE IN
SMALL WIDTH DEVICES**

I hereby certify that this

AMENDMENT UNDER 37 CFR 1.111*(Identify type of correspondence)*

is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. 703-872-9306)

on August 10, 2004*(Date)***Leslie S. Szivos, Ph.D.***(Typed or Printed Name of Person Signing Certificate)**(Signature)*

Note: Each paper must have its own certificate of mailing.

AMENDMENT TRANSMITTAL LETTER (Large Entity)

Applicant(s): Sadanand V. Deshpande, et al.

Docket No.

FIS920030078US2 (16422A)

| | | | | | |
|-------------------------------|-------------------------|--------------------------------|-----------------------|------------------------|--------------------------|
| Application No. 10/751,831 | Filing Date 1/5/2004 | Examiner E.J. Wojciechowicz | Customer No. 23389 | Group Art Unit 2815 | Confirmation No. 3568 |
|-------------------------------|-------------------------|--------------------------------|-----------------------|------------------------|--------------------------|

Invention:

STI STRESS MODIFICATION BY NITROGEN PLASMA TREATMENT FOR IMPROVING PERFORMANCE IN SMALL WIDTH DEVICES**COMMISSIONER FOR PATENTS:**

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED

| | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST # PREV. PAID FOR | NUMBER EXTRA CLAIMS PRESENT | RATE | ADDITIONAL FEE |
|---|-------------------------------------|-----------------------------|--------------------------------|--|-------------------|
| TOTAL CLAIMS | 6 - | 20 = | 0 | x \$18.00 | \$0.00 |
| INDEP. CLAIMS | 1 - | 3 = | 0 | x \$86.00 | \$0.00 |
| Multiple Dependent Claims (check if applicable) | <input type="checkbox"/> | | | | \$0.00 |
| | | | | TOTAL ADDITIONAL FEE FOR THIS AMENDMENT | \$0.00 |

No additional fee is required for amendment.

Please charge Deposit Account No. _____ in the amount of _____

A check in the amount of _____ to cover the filing fee is enclosed.

The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 09-0458/IBM

Any additional filing fees required under 37 C.F.R. 1.16.

Any patent application processing fees under 37 CFR 1.17.

Signature

Dated: August 10, 2004

Leslie S. Szivos, Ph.D.
Registration No. 39,394

I certify that this document and fee is being deposited on _____ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature of Person Mailing Correspondence

Typed or Printed Name of Person Mailing Correspondence

CC:

OFFICIAL**RECEIVED
CENTRAL FAX CENTER**

AUG 10 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**Applicant(s):** Sadanand V. Deshpande, et al.**Examiner:** E.J. Wojciechowicz**Serial No:** 10/751,831**Art unit:** 2815**Filed:** January 5, 2004**Docket:** FIS920030078US2 (16422A)**For:** STI STRESS MODIFICATION BY
NITROGEN PLASMA TREATMENT FOR
IMPROVING PERFORMANCE IN SMALL
WIDTH DEVICES**Dated:** August 10, 2004Commissioner for Patents
Alexandria, VA 22313-1450**Confirmation No.:** 3568**RESPONSE UNDER 37 C.F.R. § 1.111**

Sir:

In response to the Office Action dated June 30, 2004, applicants submit the following amendments and remarks for entry of record in the above-identified patent application.

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Dated: August 10, 2004


Leslie S. Szivos, Ph.D.